



QMS 9001:2015 EMS 14001:2015 CERTIFIED

कलिकट अंतर्राष्ट्रीय विमानपत्तन / CALICUT INTERNATIONAL AIRPORT
कलिकट विमानपत्तन(पी.ओ.) केरल / Calicut Airport (P.O), Kerala - 673 647
दूरभाष Phone : 0483 2719475, फैक्स/Fax : 0483 2711406, ई-मेल E mail : dgmelect_calicut@aii.aero

भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

By Speed Post / E-mail

Ref. No. AAI/CL/ENGG(E)/216/WO-36/53

Date: 18.03.2024

M/s Sterling and Wilson Pvt.Ltd.,
1st Floor, Krishna Towers,
Opp. Thrikkakara Temple,
Thrikkakara P.O,
Cochin - 682 021
Email : cochin@sterlingwilson.com

Name of Work : Special Repair Works/ Operation and Annual Comprehensive Maintenance Contract for Centralized HVAC System at Calicut International Airport for 2024-2026.

Ref : Your financial bid opened on 28.02.2024

Dear Sir(s),

1. Your e-tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted by you totaling to **Rs. 1,84,25,768/- (Rupees One Crore Eighty Four Lakhs Twenty Five Thousand Seven hundred and Sixty Eight Only) (Excluding GST)**
2. Jt. Gen. Manager (Engg-Elect), AAI, Calicut International Airport shall be the Engineer-in-Charge of the work. You are requested to attend the office of Jt. Gen. Manager (Engg-Elect), AAI, Calicut International Airport by **01.04.2024** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value **Rs.200/- (Rupees Two Hundred only)** and the cost of the stamp paper shall be borne by you.
3. The earnest money deposited by you along with tender will be released by AAI through NIC-CPP portal on processing your RA bills. Please deposit **Rs. 18,42,577/- (Rupees Eighteen Lakhs Forty Two Thousand Five hundred and Seventy Seven only)** towards security deposit within 10 days from the date of issue of this letter failing which, the same will be deducted as per condition of Clause No.1 A at page No. GCC 16 of contract document.
4. Within 30 days of issue of acceptance letter, you shall submit to AAI, a Performance Guarantee as per condition of clauseon page.....for an amount of Rs.....(Rupees.....) in the form of Bank Guarantee on the Proforma appended at Annexure ...on Contract Document (If it is applicable).

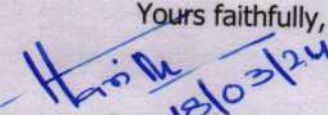


5. You are requested to comply with the provisions of Contract Labour (Regulation and Abolition) Act of 1970 and Contract Labour (Regulation and Abolition) Central Rules 1971 Child Labour (Prohibition & Regulation) Act 1986, Construction of Works (Regulation of Employment and Condition of Services) Act 1996, Building and other construction Workers Welfare Cess Act 1996 as specified in Clause 37 on Page No.66 & 88 of GCC of tender and rules of Central and State Government.
6. You are also directed to contact Asst. Manager / Manager (Engg-Elect), AAI, Calicut International Airport immediately who will arrange to hand over the site.
7. Please note that the time allowed for carrying out the work shall be **24 (Twenty Four) Months** and same shall be reckoned from **16.04.2024**.
8. Any further correspondence in connection with the contract should normally be addressed to the Engineer- In- Charge.
9. Please note that the awarded rate is exclusive of GST and you are required to submit valid GST invoices for effecting payment.
10. AAI has registered as a buyer under TREDIS and vendors may avail the benefits of TREDIS, a govt. of India initiative
11. The period within which payment would be released to MSME vendors after submission /processing of invoices/claims is 45 days.
12. Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.

Thanking you,

Encl: SOQ

Yours faithfully,


Asst. General Manager (Engg-Elect)-II,
For and on behalf of the Chairman,
Airports Authority of India.



Validate

Print

Help

Item Rate Book

Tender Inviting Authority: Asst. General Manager Engg(Elect), Calicut Airport

Name of Work: Special Repair Works / Operation and Annual Comprehensive Maintenance Contract for Centralised HVAC System at Calicut International Airport for 2024-26

Contract No: <2024_AAI_183161_1

Name of the Bidder/
Bidding Firm /
Company :

Sterling and Wilson Private Limited

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	TEXT #	NUMB ER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quanti ty	Units	BASIC RATE Excluding GST In Figures To be entered by the Bidder Rs. p	TOTAL AMOUNT Excluding GST in Rs. p	TOTAL AMOUNT In Words
1	Annual All Inclusive Comprehensive Maintenance of water cooled complete HVAC system having screw/centrifugal chiller, chilled and condenser water circulating system, cooling tower, AHUs, associated electrical and water softener systems, Air-conditioning Management System (PC and associated field devices such as DDC panels, controllers, sensors etc.) and all as detailed elsewhere in the tender document. The job includes day to day maintenance of the systems, attending to the complaints, repairs/rectification works including consumables / spares, breakdown/ preventive /routine maintenance as per OEM recommendations /maintenance schedules, maintaining records etc. as required.	Item No.1.a (i)	12	Months	193666.00	2323992.00	INR. Twenty Three Lakh Twenty Three Thousand Nine Hundred & Ninety Two Only
	a. International terminal HVAC Installations.						
	(i) First Year (2024-25)						

Handwritten signature/initials in blue ink.

हरी पी. आर / भारी प.र

क.म.म(ई.-वि.) / AGM(E-E)

भ.वि.प्र./कालिकट अंतर्राष्ट्रीय हवाई अड्डा

AAI, Calicut International Airport

Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. p	TOTAL AMOUNT Excluding GST in Rs. p	TOTAL AMOUNT In Words
1	2	3	3	4	5	6	7
2	Annual All Inclusive Comprehensive Maintenance of water cooled complete HVAC system having screw/centrifugal chiller, chilled and condenser water circulating system, cooling tower, AHUs, associated electrical and water softener systems, Air-conditioning Management System (PC and associated field devices such as DDC panels, controllers, sensors etc.) and all as detailed elsewhere in the tender document. The job includes day to day maintenance of the systems, attending to the complaints, repairs/rectification works including consumables / spares, breakdown/ preventive /routine maintenance as per OEM recommendations /maintenance schedules, maintaining records etc. as required. a. International terminal HVAC Installations. (ii) Second Year (2025-26)	Item No.1.a (ii)	12	Months	202666.00	2431992.00	INR Twenty Four Lakh Thirty One Thousand Nine Hundred & Ninety Two Only
3	Annual All Inclusive Comprehensive Maintenance of water cooled complete HVAC system having screw/centrifugal chiller, chilled and condenser water circulating system, cooling tower, AHUs, associated electrical and water softener systems, Air-conditioning Management System (PC and associated field devices such as DDC panels, controllers, sensors etc.) and all as detailed elsewhere in the tender document. The job includes day to day maintenance of the systems, attending to the complaints, repairs/rectification works including consumables / spares, breakdown/ preventive /routine maintenance as per OEM recommendations /maintenance schedules, maintaining records etc. as required. b) Domestic terminal HVAC Installations. (i) First Year (2024-25)	Item No.1 . b (i)	12	Months	51444.00	617328.00	INR Six Lakh Seventeen Thousand Three Hundred & Twenty Eight Only

Handwritten signature and date
28/03/25

हरी पी. आर / HARI P.R
स.प्र.प्र. (ई-वि.) / AGM(E-E)
आ.वि.प्र.कालिकट अंतर्राष्ट्रीय हवाई अड्डा
AAI, Calicut International Airport

Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE Excluding GST In Figures To be entered by the Bidder Rs. p	TOTAL AMOUNT Excluding GST in Rs. p	TOTAL AMOUNT In Words
1	2	3	3	4	5	6	7
4	Annual All Inclusive Comprehensive Maintenance of water cooled complete HVAC system having screw/centrifugal chiller, chilled and condenser water circulating system, cooling tower, AHUs, associated electrical and water softener systems, Air-conditioning Management System (PC and associated field devices such as DDC panels, controllers, sensors etc.) and all as detailed elsewhere in the tender document. The job includes day to day maintenance of the systems, attending to the complaints, repairs/rectification works including consumables / spares, breakdown/ preventive /routine maintenance as per OEM recommendations /maintenance schedules, maintaining records etc. as required. b. Domestic terminal HVAC Installations. (ii) Second Year (2025-26)	Item No.1.b(ii)	12	Months	51444.00	617328.00	INR Six Lakh Seventeen Thousand Three Hundred & Twenty Eight Only
5	Operation of water cooled complete HVAC system of International and Domestic terminal buildings, with all related equipments and accessories including AMS operations on all days including Sundays, Holidays and National Holidays, as per the requirements of AAI as indicated in elsewhere in the tender document.	Item No.2	24	Months	337777.00	8106648.00	INR Eighty One Lakh Six Thousand Six Hundred & Forty Eight Only
6	Supply, installation, balancing and commissioning of fabricated at site GSS sheet metal rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required. a. Thickness 0.80 mm sheet	Item No.3 (a)	50	Sq.Metre	2150.00	107500.00	INR One Lakh Seven Thousand Five Hundred Only

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हरीश.आर / भारी.प.र

क.म.म(इ-सि.) / AGM(E-E)

भारतीय वाणिज्यिक अंतर्राष्ट्रीय हवाई अड्डा
AAI, Calicut International Airport

Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE Excluding GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Excluding GST in Rs. P	TOTAL AMOUNT In Words
1	2	3	3	4	5	6	7
7	Supply, installation, balancing and commissioning of fabricated at site GSS sheet metal rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required. b. Thickness 0.60 mm sheet	Item No.3.(b)	30	Sq.Metre	1750.00	52500.00	INR Fifty Two Thousand Five Hundred Only
8	Spray painting with one or more coat of synthetic enamel paint of approved brand, manufacturer and colour to give an even shade in the linear continuous grills and diffusers of assorted size, distribution boards, Electrical panels/ Junction boxes/feeder pillars, condenser pipe lines etc. pertaining to HVAC system provided in the Terminal Buildings, including cleaning the surface, applying two or more coats of primer wherever necessary including removing, shifting of installations from existing site to a suitable site for painting where ever required. Scope also includes re-letting/lettering of various distribution boards/panels wherever required.	Item No.4	2000	Sq.Metre	230.00	460000.00	INR Four Lakh Sixty Thousand Only
9	Supply installation, configuration, programming, testing and commissioning of following BMS controller compatible with the existing BMS system and integrating the same to the existing BMS system to achieve control and monitoring of the AHUs. The scope shall include provision and installation of all required peripheral devices or any components/firmware/software required for successful establishment of control and monitoring. AAI shall not be bound to provide any back up of firmware/software for completion of the work. a. PXC 12 or equivalent	Item No.5 (a)	4	Job	29800.00	119200.00	INR One Lakh Nineteen Thousand Two Hundred Only
10	Supply installation, configuration, programming, testing and commissioning of following BMS controller compatible with the existing BMS system and integrating the same to the existing BMS system to achieve control and monitoring of the AHUs. The scope shall include provision and installation of all required peripheral devices or any components/firmware/software required for successful establishment of control and monitoring. AAI shall not be bound to provide any back up of firmware/software for completion of the work. b. PXC 22 or equivalent	Item No.5 (b)	1	Job	36700.00	36700.00	INR Thirty Six Thousand Seven Hundred Only

Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE Excluding GST In Figures To be entered by the Bidder Rs. p	TOTAL AMOUNT Excluding GST in Rs. p	TOTAL AMOUNT In Words
1	2	3	3	4	5	6	7
11	Supply installation, configuration, programming, testing and commissioning of following BMS controller compatible with the existing BMS system and integrating the same to the existing BMS system to achieve control and monitoring of the AHUs. The scope shall include provision and installation of all required peripheral devices or any components/firmware/software required for successful establishment of control and monitoring. AAI shall not be bound to provide any back up of firmware/software for completion of the work. c. PXG 80N or equivalent	Item No.5 (c)	1	Job	65900.00	65900.00	INR Sixty Five Thousand Nine Hundred Only
12	Supply, installation, programming, testing and commissioning of following type CO2 sensor suitable for integration with Siemens Desigo CC BMS. The cost of integrating the sensor to the existing BMS shall also be inclusive in the scope. AAI shall not be bound to provide any back up of firmware/software for completion of the work. Siemens QPA2000 / QPM1104	Item No.6	8	Job	16900.00	135200.00	INR One Lakh Thirty Five Thousand Two Hundred Only
13	Supply, installation, programming, testing and commissioning of following Variable Frequency Drive(VFD) OF various capacity suitable for operation at voltage 415 +/- 10%, 3phase, 50 Hz input supply and providing an output of 0-415+/- 10%, 3 phase, 0 - 150 Hz including integration with existing BMS System (Siemens Desigo CC) a.15 kw equivalent to Siemens SED2-15/32B	Item No.7 (a)	1	Job	190000.00	190000.00	INR One Lakh Ninety Thousand Only
14	Supply, installation, programming, testing and commissioning of following Variable Frequency Drive(VFD) OF various capacity suitable for operation at voltage 415 +/- 10%, 3phase, 50 Hz input supply and providing an output of 0-415+/- 10%, 3 phase, 0 - 150 Hz including integration with existing BMS System (Siemens Desigo CC) b. 11 kw equivalent to Siemens SED2-11/32B	Item No.7 (b)	5	Job	160000.00	800000.00	INR Eight Lakh Only

11/11/24
 18/03/24

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श्री.वि.प्र. कालिका अंतर्राष्ट्रीय हवाई अड्डा
AAI, Calicut International Airport

Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE Excluding GST In Figures To be entered by the Bidder Rs. p	TOTAL AMOUNT Excluding GST in Rs. p	TOTAL AMOUNT In Words
1	2	3	3	4	5	6	7
19	Supply, installation, programming, testing and commissioning of following type Damper Actuating Motors suitable for operation at voltage 230 +/- 10 % 50 Hz input supply including integration with existing BMS System (Siemens Desigo CC) Equivalent to SIEMENS GCA321.1E	Item No.9	19	Job	13000.00	247000.00	INR Two Lakh Forty Seven Thousand Only
20	Supply, installation, programming, testing and commissioning of following type Damper Actuating Motors suitable for operation at DC voltage 24 input supply including integration with existing BMS System (Siemens Desigo CC) Equivalent to SIEMENS GBB161.1E	Item No.10	7	Job	12500.00	87500.00	INR Eighty Seven Thousand Five Hundred Only
21	Supply, installation, programming, testing and commissioning of following type temperature and RH sensor suitable for operation at voltage 24+/- 20 % 50 Hz input supply including integration with existing BMS System (Siemens Desigo CC) Equivalent to Siemens QFM 2160	Item No.11	9	Job	9300.00	83700.00	INR Eighty Three Thousand Seven Hundred Only
22	Replacement of Advance Make 450 TR (A-73X2 - 2 shell type) Cooling Tower Fan Assembly, including Balancing of air flow and water flow as required. (2 Fans)	Item No.12	1	Job	158000.00	158000.00	INR One Lakh Fifty Eight Thousand Only
23	Replacement of Quick fill Piping for the Cooling Towers with 50MM CPVC Pipes as required	Item No.13	40	Meter	450.00	18000.00	INR Eighteen Thousand Only

Handwritten signature

हरी पी. आर / HARI P.R

स.स.प्र(इ.-वि.) / AGM(E-E)

भा.वि.प्र.कालिकट अंतर्राष्ट्रीय हवाई अड्डा
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